

Title (en)

Photovoltaic Device with Reflection Enhancing Layer

Title (de)

Fotovoltaikvorrichtung mit reflexionssteigernder Schicht

Title (fr)

Dispositif photovoltaïque à couche d'amélioration de réflexion

Publication

**EP 2535941 A3 20150708 (EN)**

Application

**EP 12171522 A 20120611**

Priority

US 201113159558 A 20110614

Abstract (en)

[origin: EP2535941A2] A photovoltaic device (10) is provided. The photovoltaic device (10) comprises an absorber layer (20) comprising a chalcogenide material. The photovoltaic device (10) further comprises a back contact (40) and a reflection enhancing layer (30) disposed between the absorber layer (20) and the back contact (40).

IPC 8 full level

**H01L 31/0216** (2014.01); **H01L 31/0224** (2006.01); **H01L 31/0296** (2006.01)

CPC (source: EP US)

**H01L 31/022425** (2013.01 - EP US); **H01L 31/056** (2014.12 - EP US); **H01L 31/073** (2013.01 - EP US); **H01L 31/0749** (2013.01 - EP US); **Y02E 10/52** (2013.01 - EP US); **Y02E 10/541** (2013.01 - EP US); **Y02E 10/543** (2013.01 - EP US)

Citation (search report)

- [X] US 2010326520 A1 20101230 - TSAI CHIN-YAO [TW]
- [X] US 2009255582 A1 20091015 - AKHTAR MASUD [US]
- [X] WO 2005088731 A1 20050922 - SOLIBRO AB [SE], et al
- [X] US 2011086462 A1 20110414 - OVSHINSKY STANFORD R [US]
- [A] GB 2116775 A 19830928 - ENERGY CONVERSION DEVICES INC

Cited by

US9276154B2; WO2014123806A3

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2535941 A2 20121219; EP 2535941 A3 20150708**; AU 2012203446 A1 20130110; CN 102832262 A 20121219; US 2012318352 A1 20121220

DOCDB simple family (application)

**EP 12171522 A 20120611**; AU 2012203446 A 20120613; CN 201210195747 A 20120614; US 201113159558 A 20110614